

## REMARKS

### I. Summary of the Examiner's Action

#### A. Claim Rejections

As set forth in paragraph 1 of the Office Action dated July 14, 2005 (hereinafter "the July 14 Office Action") claims 1 – 3, 7 – 9 and 13 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over United States Patent No. 6,687,518 to Park (hereinafter "the Park patent") in view of United States Patent No. 6,115,616 to Halperin *et al.* (hereinafter "the Halperin patent").

As set forth in paragraph 2 of the July 14 Office Action, claims 5, 6, 11, 12, 14, 15, 17, 19 and 20 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over the Park patent in view of the Halperin patent and further in view of United States Patent No. 4,740,431 to Little (hereinafter "the Little patent").

### II. Applicants' Response – Claim Rejections

#### A. Rejection of Claims 1 – 3, 7 – 9 and 13 under 35 U.S.C. § 103(a)

Claim 1 (as amended) is reproduced here with emphasis added to show the subject matter which is neither described nor suggested by the references of record:

1. A mobile station, comprising:  
a communication part that comprises a controller, an RF  
transceiver and an antenna; and

a self-powered information entry part comprising a keypad or keyboard module that is detachable from said communication part and that is coupled, whether attached or detached, through a wireless link to said communication part for conveying keystroke information from said information entry part to said communication part, and power generating apparatus configured to generate power for operating the self-powered information entry part, and wherein said self-powered information entry part is configured to be powered solely by the power generating apparatus.

Applicant has amended claim 1 so that it is directed solely to one of the embodiments disclosed at page 3, lines 9 – 11 of the Application (emphasis added):

“The keypad module further includes a source for providing operating power for the keypad module, where the source includes at least one photovoltaic cell used alone or in combination with a battery.”

No new matter is added by these amendments. Power generating apparatus is inherent in the description as filed, since solar cells were provided as an example of power generating apparatus that could power a self-powered information entry part without reliance on the availability of an optional battery.

Claim 1 now is limited to a mobile station incorporating a self-powered information entry part that is powered solely by a power generating apparatus. All of the outstanding rejections in the case are premised on a combination incorporating a battery.

A battery is a power *storage* device, and not a power *generating* device. Accordingly, the prior art combinations relied upon by the Examiner requiring a battery do not describe or suggest the claim element “wherein said self-powered information entry part is configured to be powered solely by the power generating apparatus”.

Applicants accordingly submit that claim 1 is patentable over the art of record, and therefore respectfully request that the rejection of claim 1 be withdrawn. Independent claims 7 and 13 are patentable for reasons similar to those submitted with respect to claim 1 and for reasons attributable to their unique subject matter. Therefore, Applicants respectfully request that the rejection of claims 7 and 13 be withdrawn as well. Finally, Applicants request that the rejection of dependent claims 2, 3, 8 and 9 be withdrawn since the claims depend from allowable base claims.

B. Rejection of Claims 5, 6, 11, 12, 14, 15, 17,  
19 and 20 under 35 U.S.C. § 103(a)

Applicants have canceled claims 6 and 12 since the subject matter of these dependent claims is directed to use of a battery in combination with power generating apparatus.

Dependent claims 15 and 17 have been amended in a similar fashion as claim 1 so that these claims are directed to the embodiment of the invention that does not use a battery. As the rejection of these claims was premised on a combination requiring

batteries, Applicants respectfully submit that the combination does not describe or suggest the subject matter of claims 15 and 17 as amended, which require that the apparatus be powered solely by the solar cell.

Applicants submit that independent claims 15 and 17 are now patentable over the art of record. Applicants respectfully request that the rejection of these claims be withdrawn and the claims be allowed. Applicant further respectfully request that the rejection of dependent claims 5, 11, 14, 19 and 20 be withdrawn since these claims depend from allowable base claims.

III. Conclusion

Applicants submit that in light of the foregoing remarks the application is now in condition for allowance. Applicants therefore respectfully request that the outstanding rejections be withdrawn and that the case be passed to issuance.

Respectfully submitted,

December 21, 2007

Date

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